
 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE	ENGINEERING CHANGE NOTICE NO. 05907				SHEET 1 OF 1	
	DWG NO. 647.7300	REV: D to E	PREPARED BY C.ZEHNER	DATE: 08-06-19	ECR: N/A	
	DWG TITLE: EC135 CABLE CUTTERS KIT					
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	APPROVED BY:	ENGR		CASE NUMBER: 12867	EFF: NEXT ORDER	
	REASON: COMPLETELY REDRAWN FOR KIT CONFIGURATIONS, ADDED ASSEMBLIES 647.7309, 647.7310, 647.7329, & 647.7361					
				REASON CODE: CS	ACTION LIST: 1. N/A	
<div>Waiting for FAA Approval before release</div>						
DOCUMENTS EFFECTED: <input type="checkbox"/> PATTERN <input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM				CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR		DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Waiting for FAA Approval before release

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR4		
N/C	INITIAL RELEASE	01/13/09	P. BRAVO
A	INCORPORATED ECNS 02938, 03000, 03044, 03066	02/16/11	P. BRAVO
B	INCORPORATED ECN 05325	03/09/16	P. BRAVO
C	INCORPORATED ECN 05550, 05465	11/01/16	P. BRAVO
D	INCORPORATED ECN 05882	11/27/17	P. BRAVO
E	INCORPORATED ECN 05907	08/06/19	P. BRAVO

A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	4	601.2045	RTV	LOCTITE 598	
A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	3	600.1012	SEALANT	PR-1425 CLASS B	
A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	2	600.0991	MAGNOBOND 6398 PART B		
A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	1	600.0990	MAGNOBOND 6398 PART A		
X	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	647.7361	T3H/P3H UPR CTR REMOVABLE PROVISIONS			
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-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	647.7351	T1/P1 SKID DEFLECTOR ASSEMBLY				
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7361	7352	7351	7341	7335	7334	7333	7332	7331	7329	7328	7327	7326	7325	7324	7323	7322	7321	7310	7309	7308	7307	7306	7305	7304	7303	7302	7301	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.												
																													QTY		PARTS LIST													
																													NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR)		11/24/09		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300									
DRAWN BY		CHECKER																																										
																													A. QUAN		D. BARKER		APICAL INDUSTRIES, INC. dba DART AEROSPACE											
																													DRAWING APPROVAL															
																													P. BRAVO															
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																													CONTRACT No.															
																													UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°				SIZE		CAGE CODE		DWG. NO.		REV.					
																																	B		07MZ6		647.7300		E					
																																	SCALE NONE				SHEET 1 OF 25							

DART

AEROSPACE

APICAL INDUSTRIES, INC.

dba DART AEROSPACE

3030 ENTERPRISE CT., SUITE A

VISTA, CA. 92081

(760)-724-5300

EC135 CABLE CUTTERS KIT

SIZE B

CAGE CODE 07/MZ6

DWG. NO. 647.7300

REV. E

Waiting for FAA Approval before release

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

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D	7361	7352	7351	7341	7335	7334	7333	7332	7331	7329	7328	7327	7326	7325	7324	7323	7322	7321	7310	7309	7308	7307	7306	7305	7304	7303	7302	7301	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

ORIGINAL DATE (MO-DA-YR)	11/24/09
DRAWN BY A. QUAN	CHECKER D. BARKER
DRAWING APPROVAL P. BRAVO 01/13/10	
CONTRACT No.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	

DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300		
EC135 CABLE CUTTERS KIT			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.7300	REV. E
SCALE NONE		SHEET 2 OF 25	

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NOTES UNLESS OTHERWISE SPECIFIED:

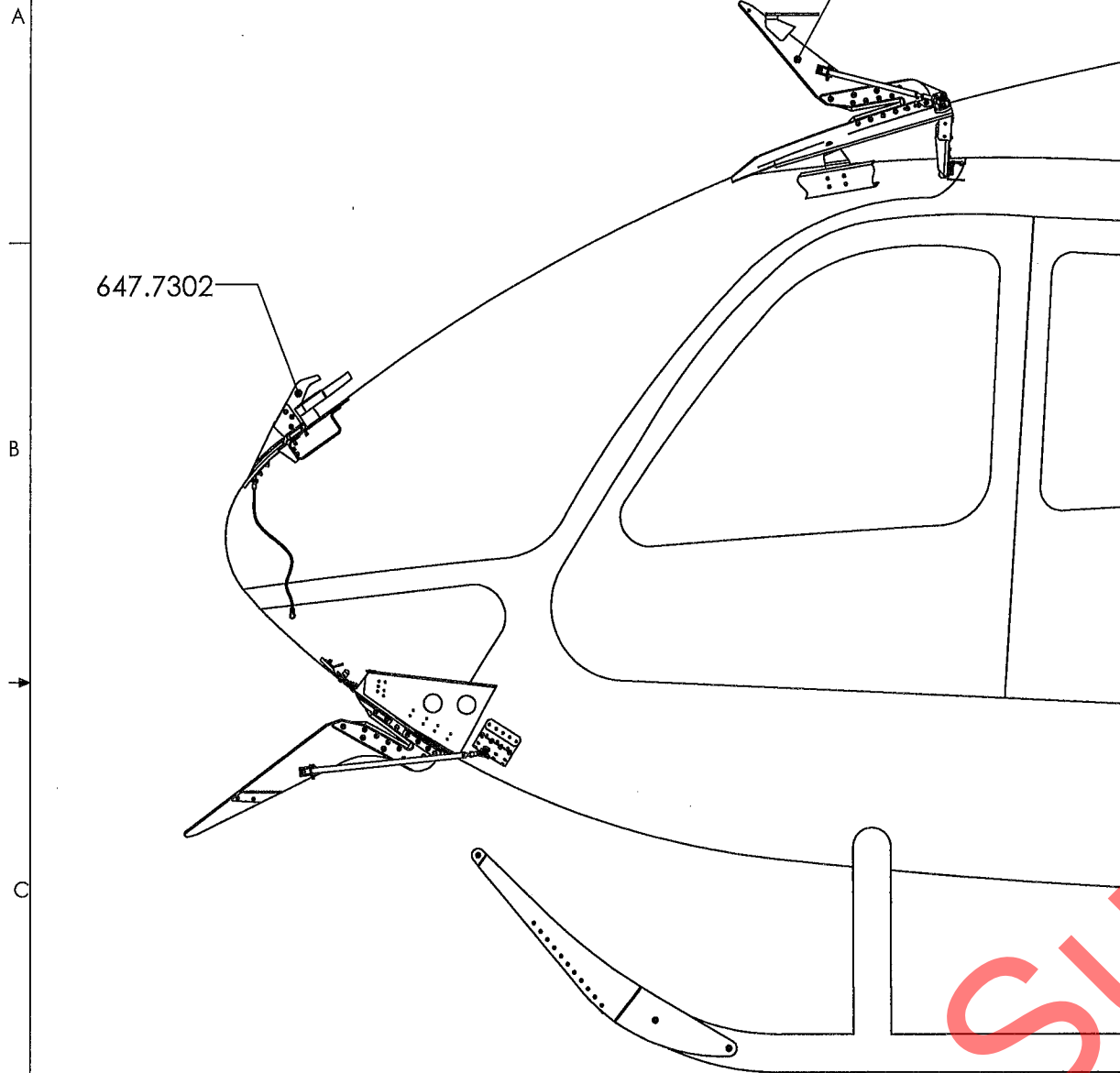
- 1 AFTER INSTALLATION, APPLY SEALANT (F/N 3) A/R TO FILL GAPS AND FILLET EDGES.
- 2 APPLY RTV (F/N 4) TO FAYING SURFACES BETWEEN FIXED (647.7322 OR 647.7325) AND REMOVABLE (647.7323 OR 647.7326 OR 647.7328 OR 647.7361) PROVISIONS.
- 3 MATCH DRILL HOLES THROUGH MOUNTING CHANNEL (F/N 51) OR UPPER U CHANNEL (F/N 106) AND FUSELAGE.
- 4 SHIM GAP (WITH F/N 66) BETWEEN FIXED (647.7322) & REMOVABLE (647.7323) PROVISIONS AS NEEDED.
- 5 AT CUSTOMER'S OPTION, INSTALL GPS MOUNT (F/N 46) BY MATCH DRILLING ONTO UPPER CUTTER ASSY (F/N 29 OR F/N 30 OR F/N 31 OR F/N 47).
- 6 EXCEPT WHERE NOTED, INSTALLATION FOR 647.7304, 647.7307, AND 647.7309 ARE THE SAME AS 647.7301
- 7 CUT LENGTH: 16 INCHES
- 8 INSTALLATION FOR 647.7307 AND 647.7304 ARE IDENTICAL EXCEPT 647.1505 (F/N 30) REPLACES 647.1404 (F/N 29) ON 647.7304.
- 9 INSTALLATION FOR 647.7309 AND 647.7304 ARE IDENTICAL EXCEPT 647.1506 (F/N 31) REPLACES 647.1404 (F/N 29) ON 647.7304.

[illegible]

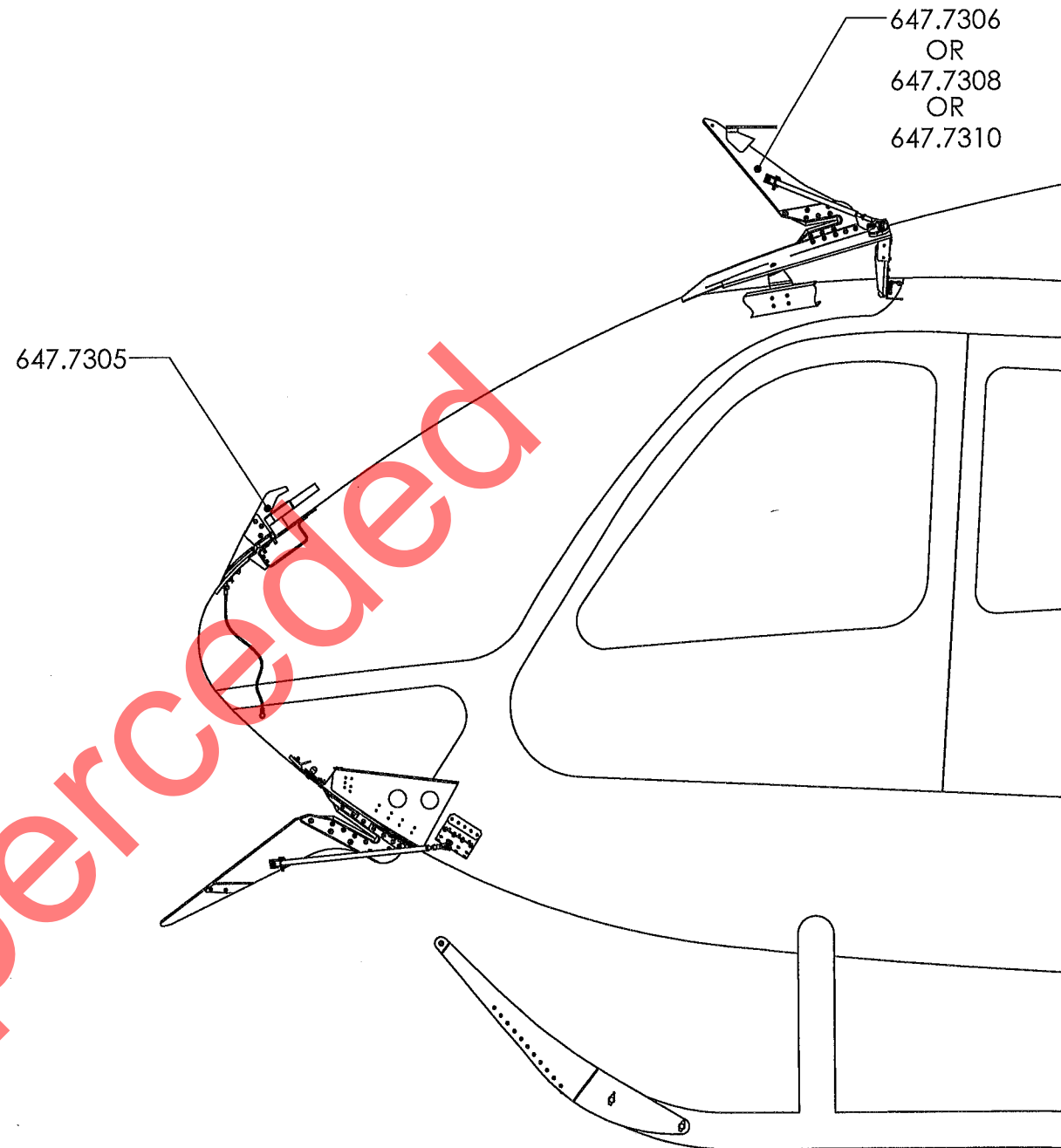
ORIGINAL DATE (MO-DA-YR)	11/24/09		 <div> <div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div> <div>APICAL INDUSTRIES, INC. dba DART AEROSPACE</div> </div>												
DRAWN BY A. GUAN	CHECKER D. BARKER														
DRAWING APPROVAL P. BRAVO 01/13/10															
CONTRACT NO.															
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			EC135 CABLE CUTTERS KIT <table border="1"> <tr> <td>SIZE</td> <td>CAGE CODE</td> <td>DWG. NO.</td> <td>REV.</td> </tr> <tr> <td>B</td> <td>07MZ6</td> <td>647.7300</td> <td>E</td> </tr> <tr> <td colspan="3">SCALE NONE</td> <td>SHEET 4 OF 25</td> </tr> </table>	SIZE	CAGE CODE	DWG. NO.	REV.	B	07MZ6	647.7300	E	SCALE NONE			SHEET 4 OF 25
SIZE	CAGE CODE	DWG. NO.	REV.												
B	07MZ6	647.7300	E												
SCALE NONE			SHEET 4 OF 25												

Waiting for FAA Approval before release

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647.7301 T1/P1 CABLE CUTTERS KIT



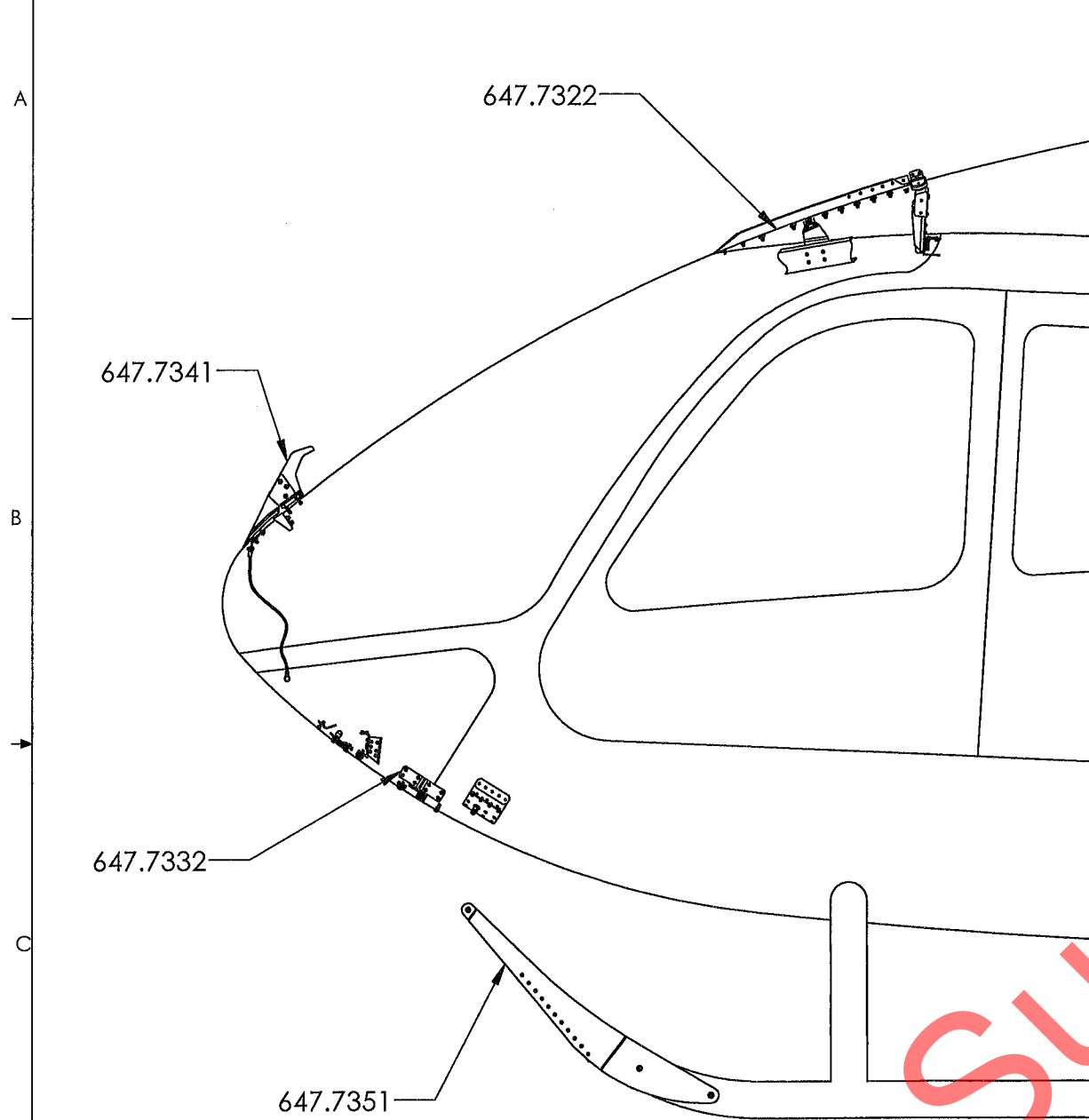
647.7304 T2/P2 CABLE CUTTERS KIT (SHOWN)
647.7307 T3/P3 CABLE CUTTERS KIT (TYP)
647.7309 T3H/P3H CABLE CUTTERS KIT (TYP)



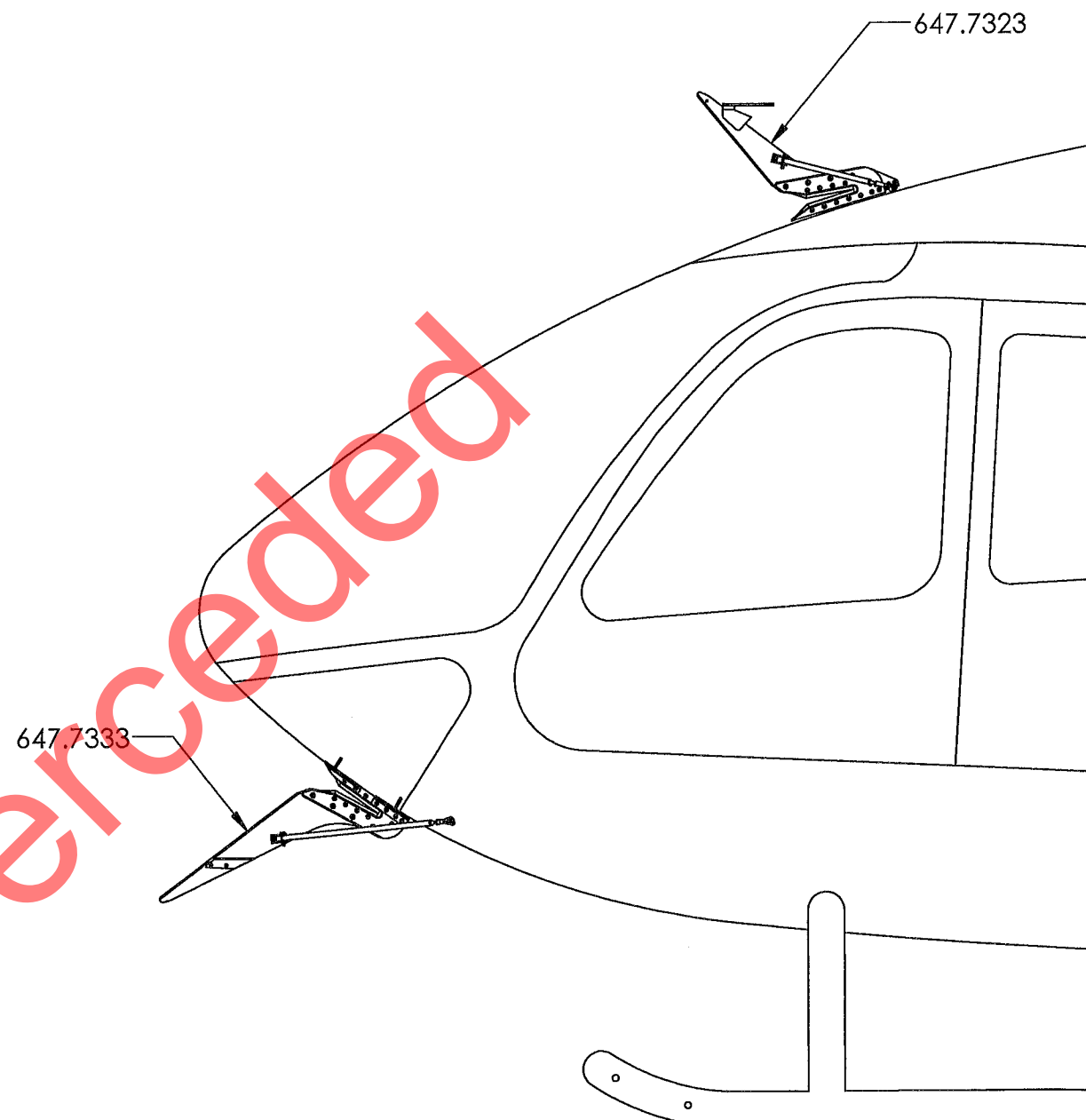
ORIGINAL DATE (MO-DA-YR) 11/24/09	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300		
DRAWN BY A. QUAN	CHECKER D. BARKER	 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWING APPROVAL P. BRAVO 01/13/10	EC135 CABLE CUTTERS KIT		
CONTRACT No.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		REV. E
SCALE NONE		DWG. NO. 647.7300	SHEET 5 OF 25

Waiting for FAA Approval before release

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647.7302 T1/P1 FIXED PROVISIONS

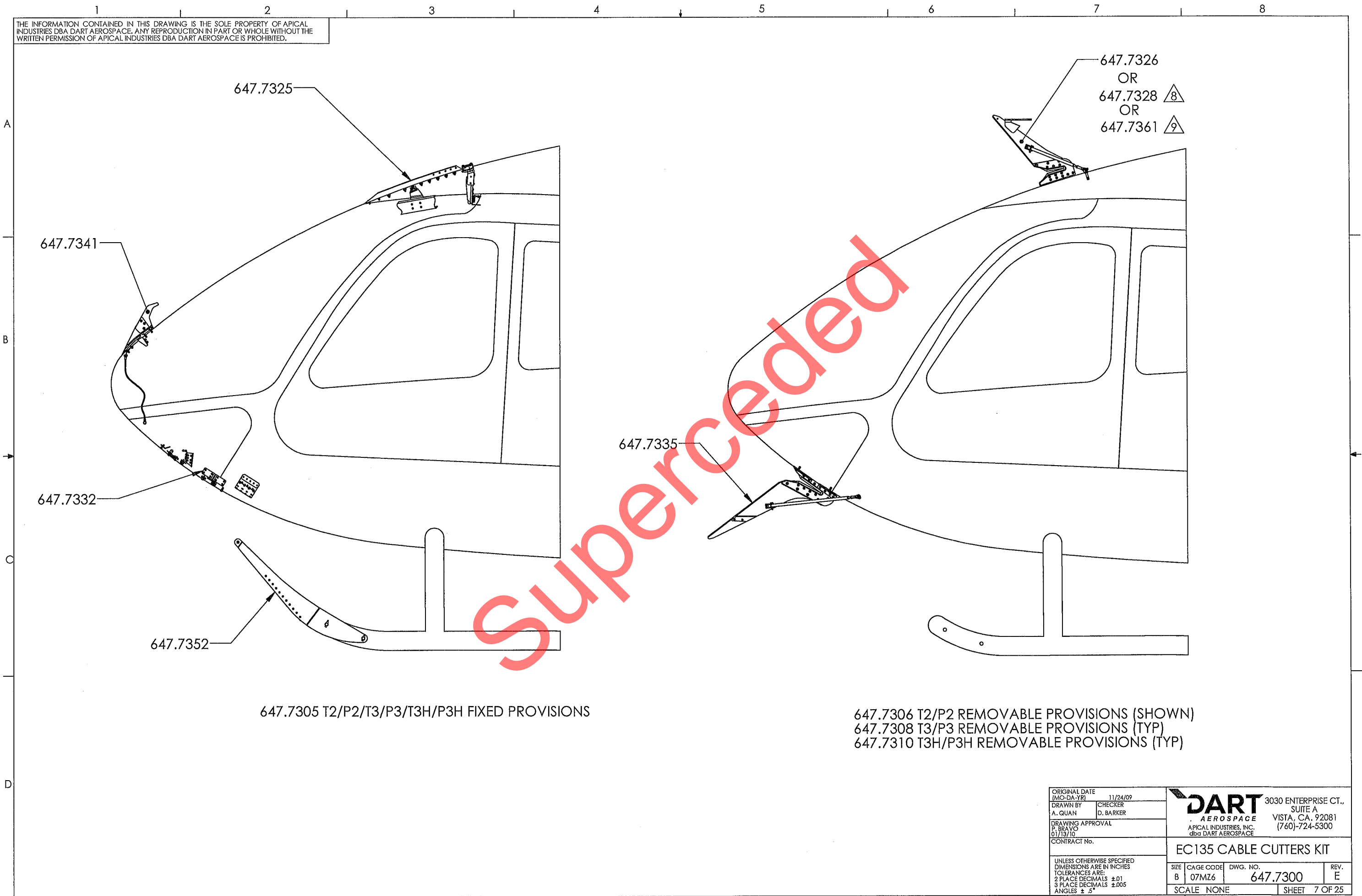


647.7303 T1/P1 REMOVABLE PROVISIONS

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A	
DRAWN BY A. QUAN	CHECKER D. BARKER	VISTA, CA. 92081	
DRAWING APPROVAL P. BRAVO 01/13/10		(760)-724-5300	
CONTRACT No.		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
EC135 CABLE CUTTERS KIT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.7300
SCALE NONE		SHEET	6 OF 25
		REV. E	

Waiting for FAA Approval before release

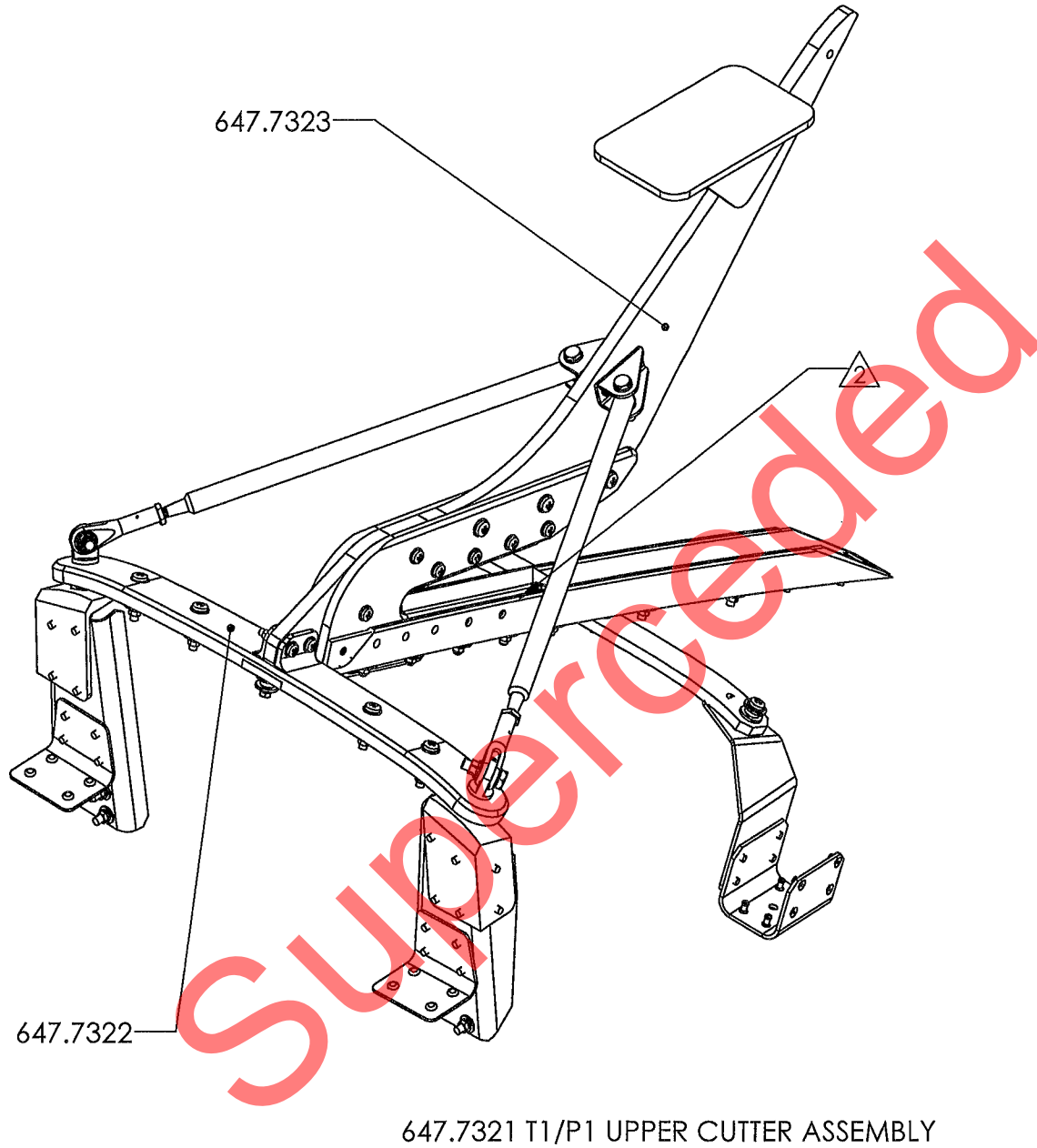
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ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA, 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	CAGE CODE 07MZ6
		DWG. NO. 647.7300	REV. E
		SCALE NONE	SHEET 7 OF 25

Waiting for FAA Approval before release

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ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. E
		CAGE CODE 07MZ6	DWG. NO. 647.7300
		SCALE NONE	SHEET 8 OF 25

Waiting for FAA Approval before release

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2 PL 24
2 PL 68
2 PL 26
2 PL 70
AR 2
AR 1

14 4 PL
101 8 PL
61
67 4 PL
97 4 PL
2 AR
1 AR

15 2 PL
101 4 PL
67 2 PL
97 2 PL
2 AR
1 AR

13
101 2 PL
67
97
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9 2 PL
101 4 PL
97 2 PL
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11 2 PL
101 4 PL
67 2 PL
97 2 PL
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100 6 PL
67 5 PL
101 6 PL
97 6 PL
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3 PL 86

94 18 PL
55

93 20 PL

12 PL 85

87 12 PL

58 2 PL

8 PL 95
8 PL 101

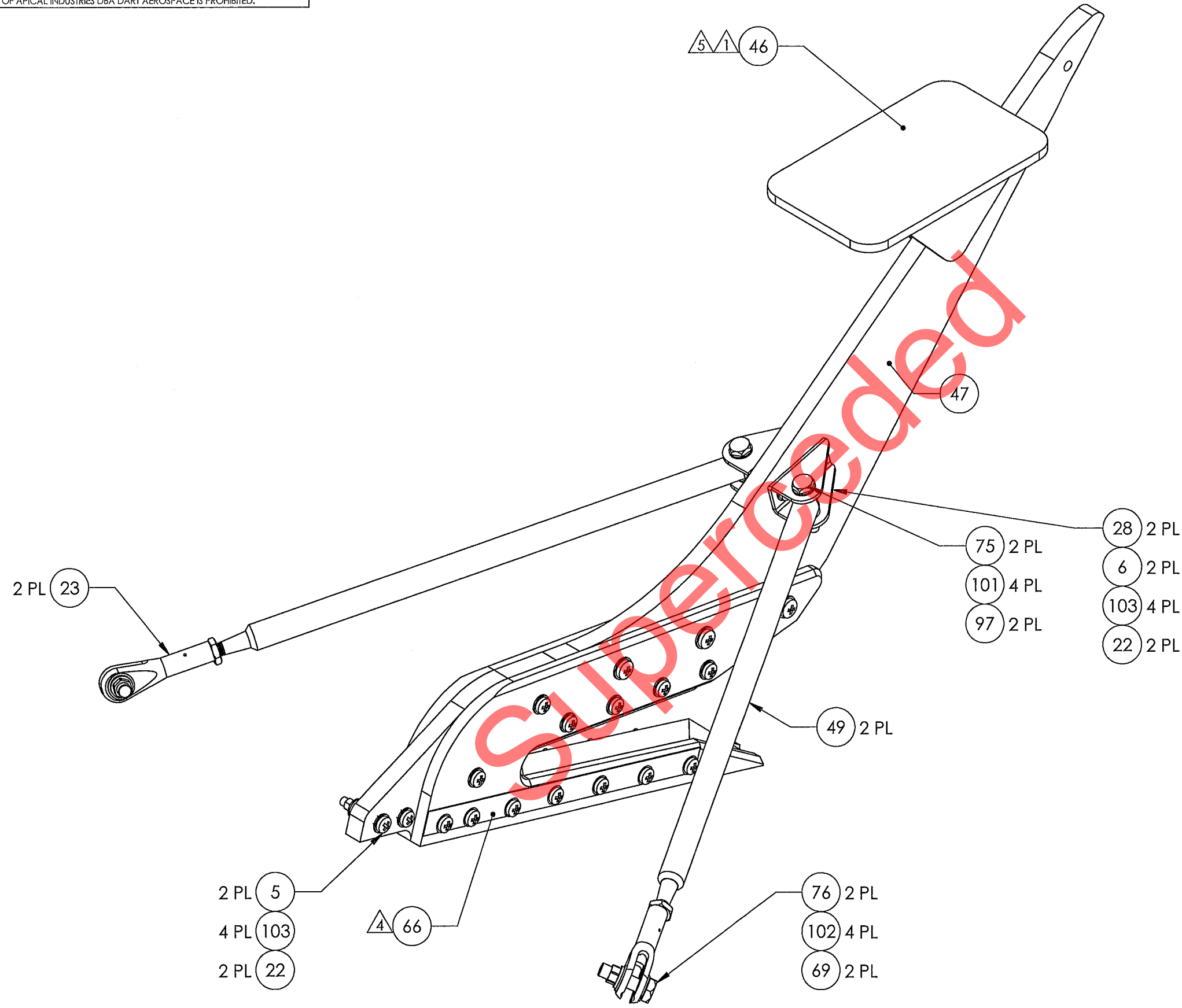
10 PL 9
20 PL 101
10 PL 97

647.7322 T1/P1 UPPER CUTTER FIXED PROVISIONS


ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.7300
SCALE NONE		REV. E	
		SHEET 9 OF 25	

Waiting for FAA Approval before release

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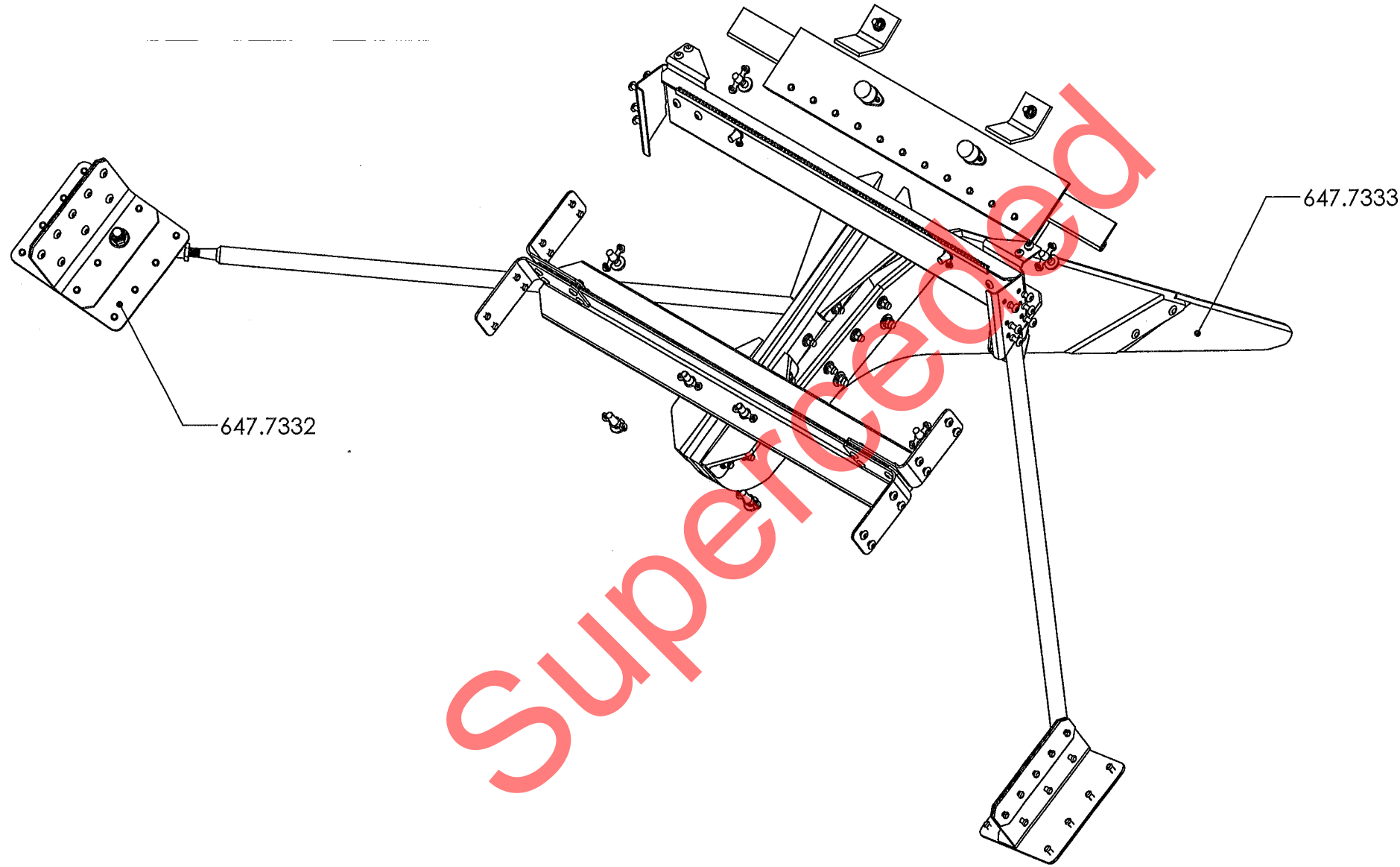


647.7323 T1/P1 UPPER CUTTER REMOVABLE PROVISIONS

ORIGINAL DATE (MO-DA-YR) 11/24/09		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER				
DRAWING APPROVAL P. BRAVO 01/13/10		EC135 CABLE CUTTERS KIT			
CONTRACT No.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.7300	REV. E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SCALE NONE		SHEET 10 OF 25	

Waiting for FAA Approval before release

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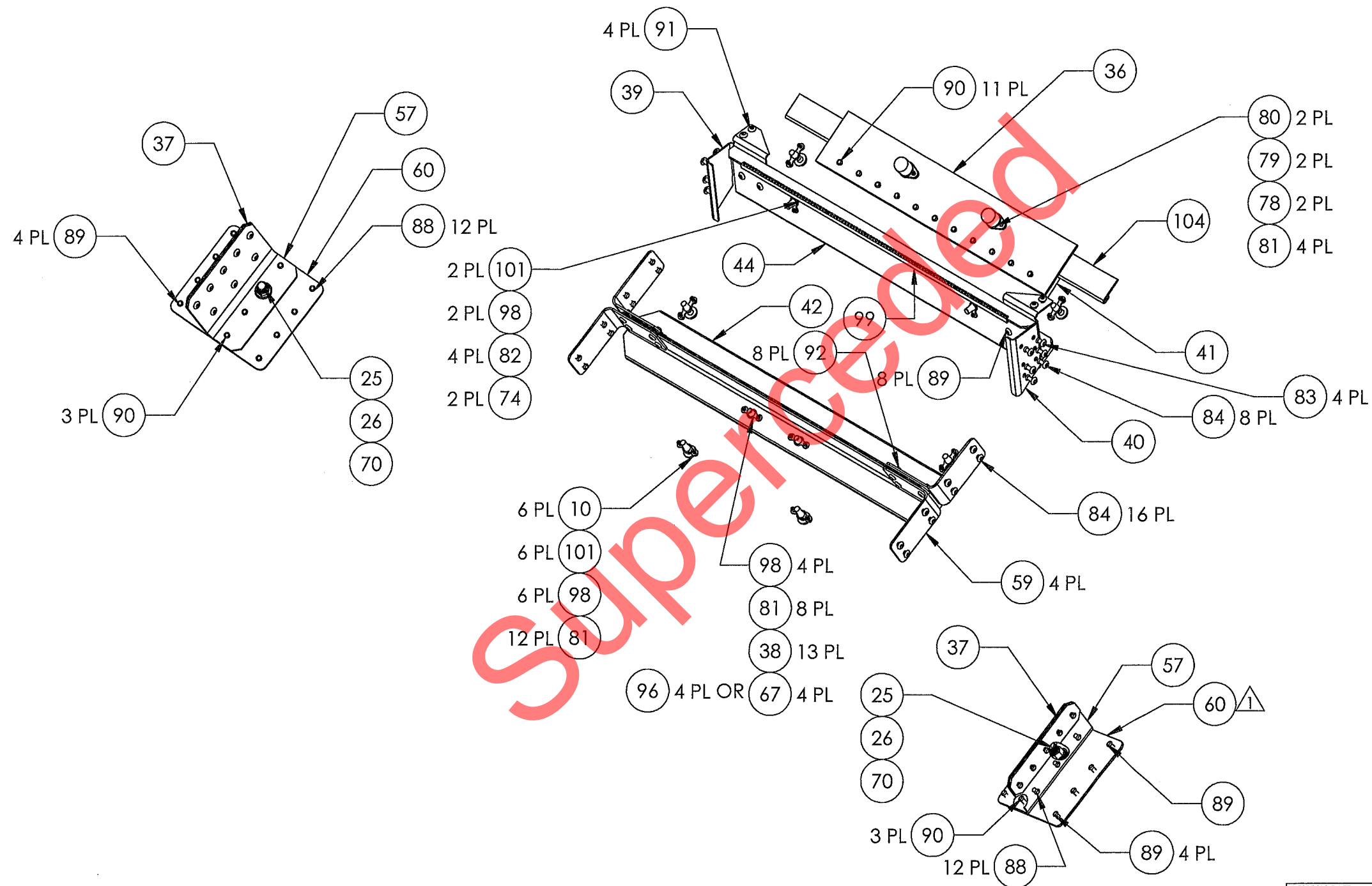


647.7331 T1/P1 LOWER CUTTER ASSEMBLY

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		EC135 CABLE CUTTERS KIT	
CONTRACT No.		SIZE B	REV. E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.7300
		SCALE NONE	SHEET 11 OF 25

Waiting for FAA Approval before release

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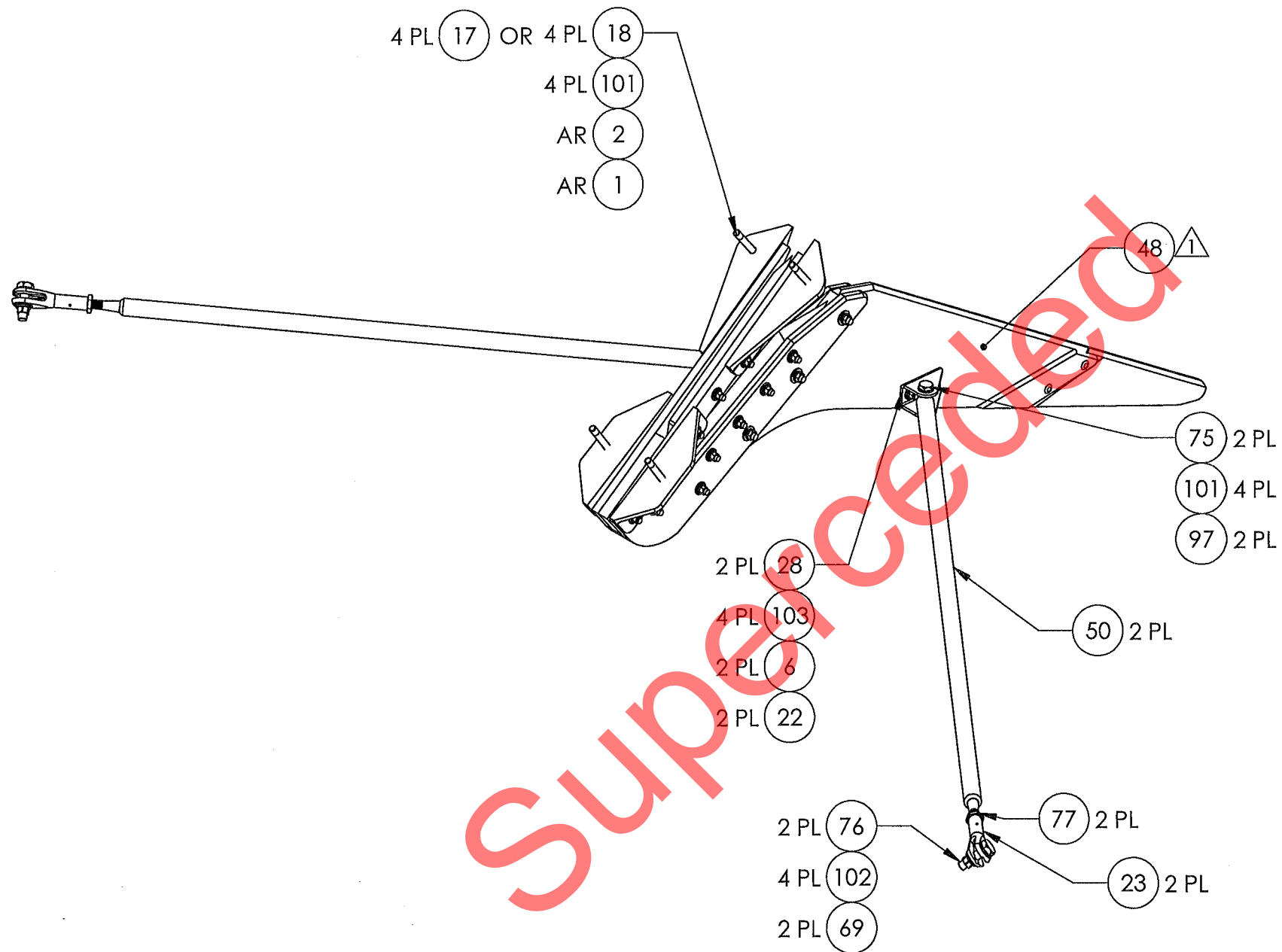


647.7332 UNIVERSAL LOWER CUTTER FIXED PROVISIONS

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. E
		CAGE CODE 07MZ6	DWG. NO. 647.7300
		SCALE NONE	SHEET 12 OF 25

Waiting for FAA Approval before release

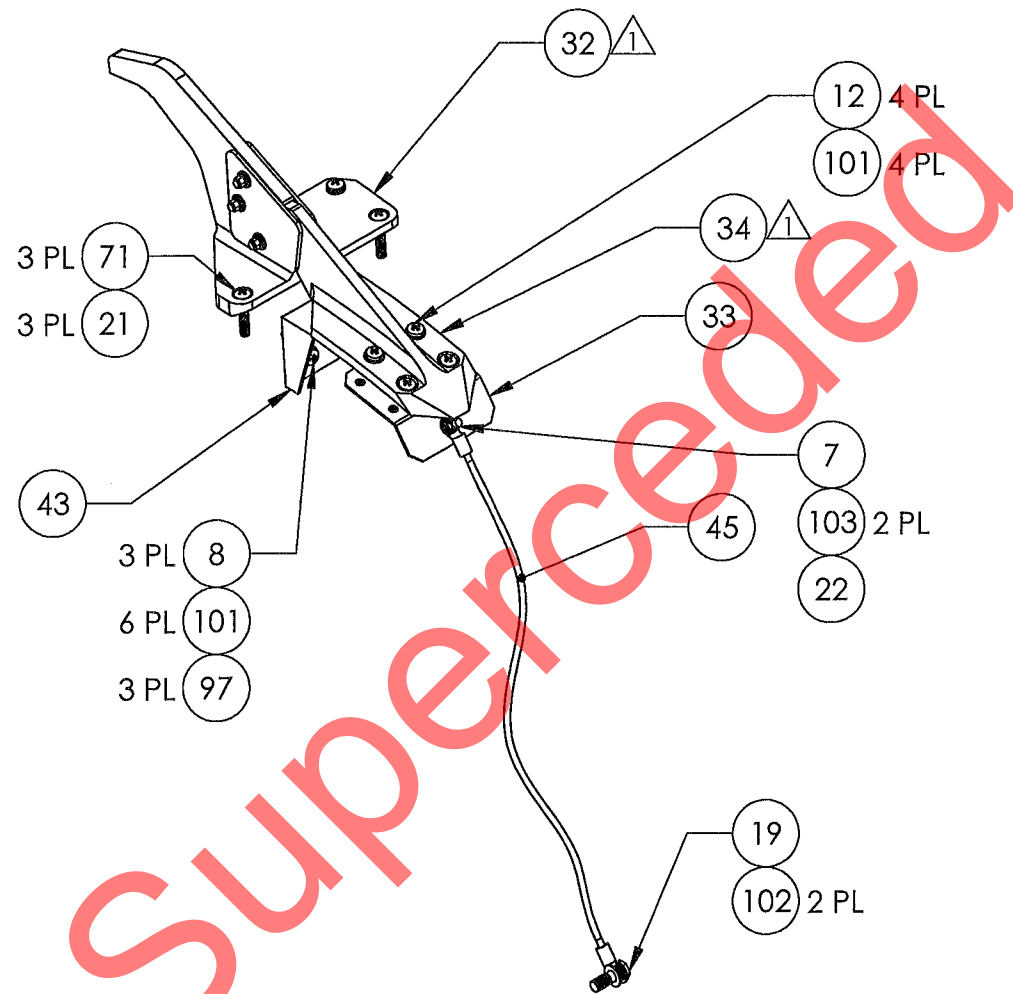
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647.7333 T1/P1 LOWER CUTTER REMOVABLE PROVISIONS

ORIGINAL DATE [MO-DA-YR] 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. E
CAGE CODE 07MZ6		DWG. NO. 647.7300	SHEET 13 OF 25
SCALE NONE			

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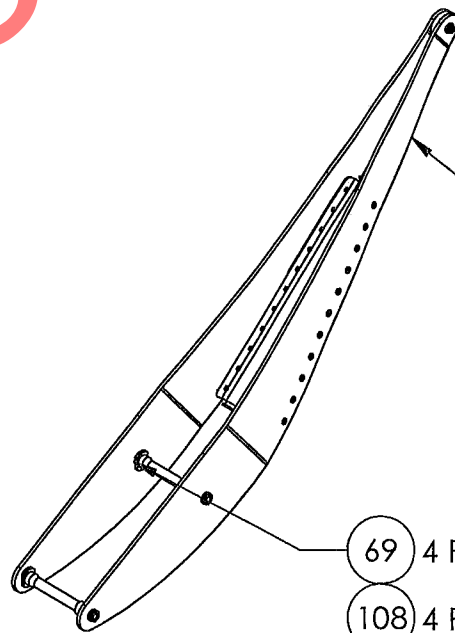
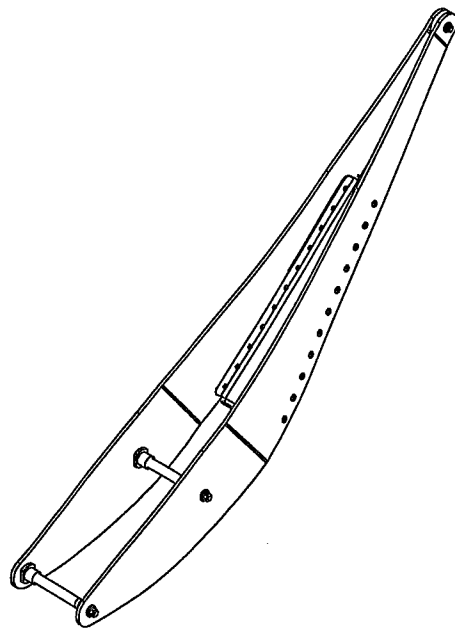


647.7341 UNIVERSAL WIPER DEFLECTOR ASSEMBLY

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA, 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. E
		CAGE CODE 07MZ6	DWG. NO. 647.7300
		SCALE NONE	SHEET 14 OF 25

Waiting for FAA Approval before release

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107 2 PLACES
1

69 4 PL
108 4 PL
109 4 PL
110 8 PL
111 4 PL

647.7351 T1/P1 SKID DEFLECTOR ASSEMBLY

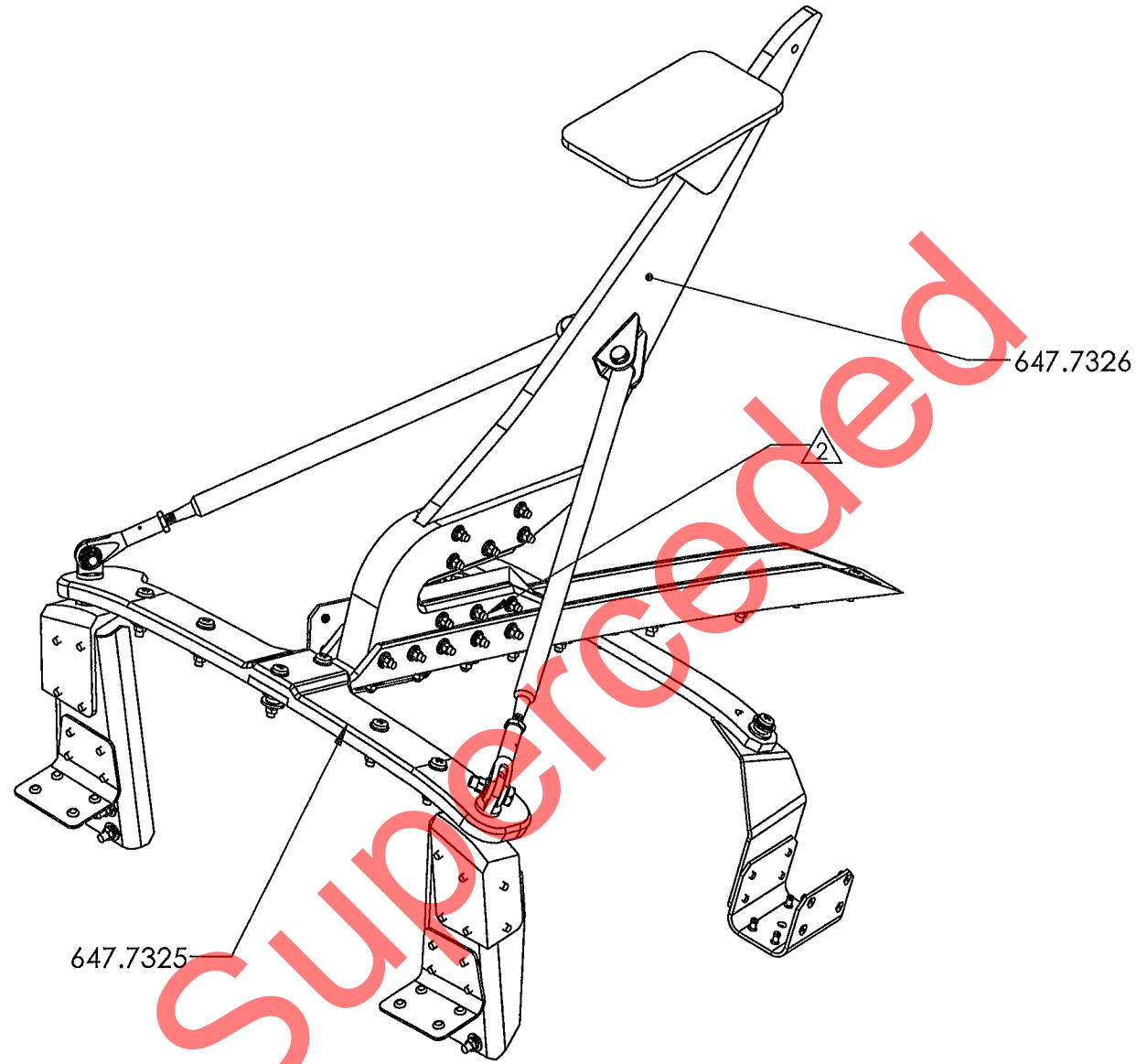
ORIGINAL DATE 11/24/09
DRAWN BY A. QUAN
CHECKER D. BARKER
DRAWING APPROVAL P. BRAVO
01/13/10
CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ±.5°

DART AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE
3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300
EC135 CABLE CUTTERS KIT
SIZE B CAGE CODE 07MZ6 DWG. NO. 647.7300 REV. E
SCALE NONE SHEET 15 OF 25

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647.7324 T2/P2 UPPER CUTTER ASSEMBLY

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAYO 01/13/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. E
		CAGE CODE 07MZ6	DWG. NO. 647.7300
		SCALE NONE	SHEET 16 OF 25

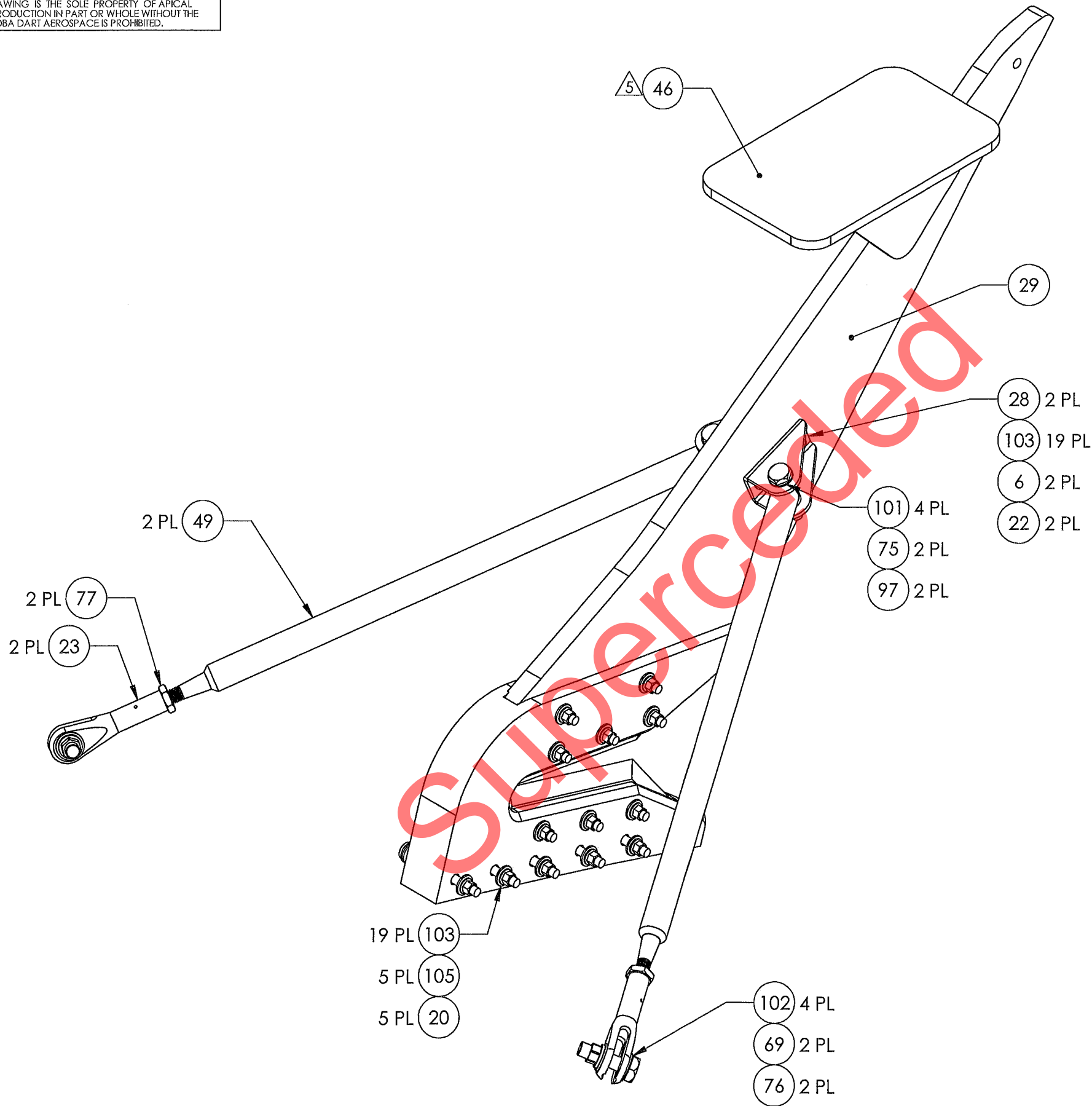
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ORIGINAL DATE (MO-DA-YR) 11/24/09		 3030 ENTERPRISE CT. SUITE A VISTA, CA. 92081 (760)-724-5300									
DRAWN BY A. QUAN	CHECKER D. BARKER										
DRAWING APPROVAL P. BRAYO 01/13/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE									
CONTRACT No.		EC135 CABLE CUTTERS KIT									
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMAL ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		<table border="1"> <thead> <tr> <th>SIZE</th> <th>CAGE CODE</th> <th>DWG. NO.</th> <th>REV.</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>07MZ6</td> <td>647.7300</td> <td>E</td> </tr> </tbody> </table>		SIZE	CAGE CODE	DWG. NO.	REV.	B	07MZ6	647.7300	E
SIZE	CAGE CODE	DWG. NO.	REV.								
B	07MZ6	647.7300	E								
		SCALE NONE	SHEET 17 OF 25								

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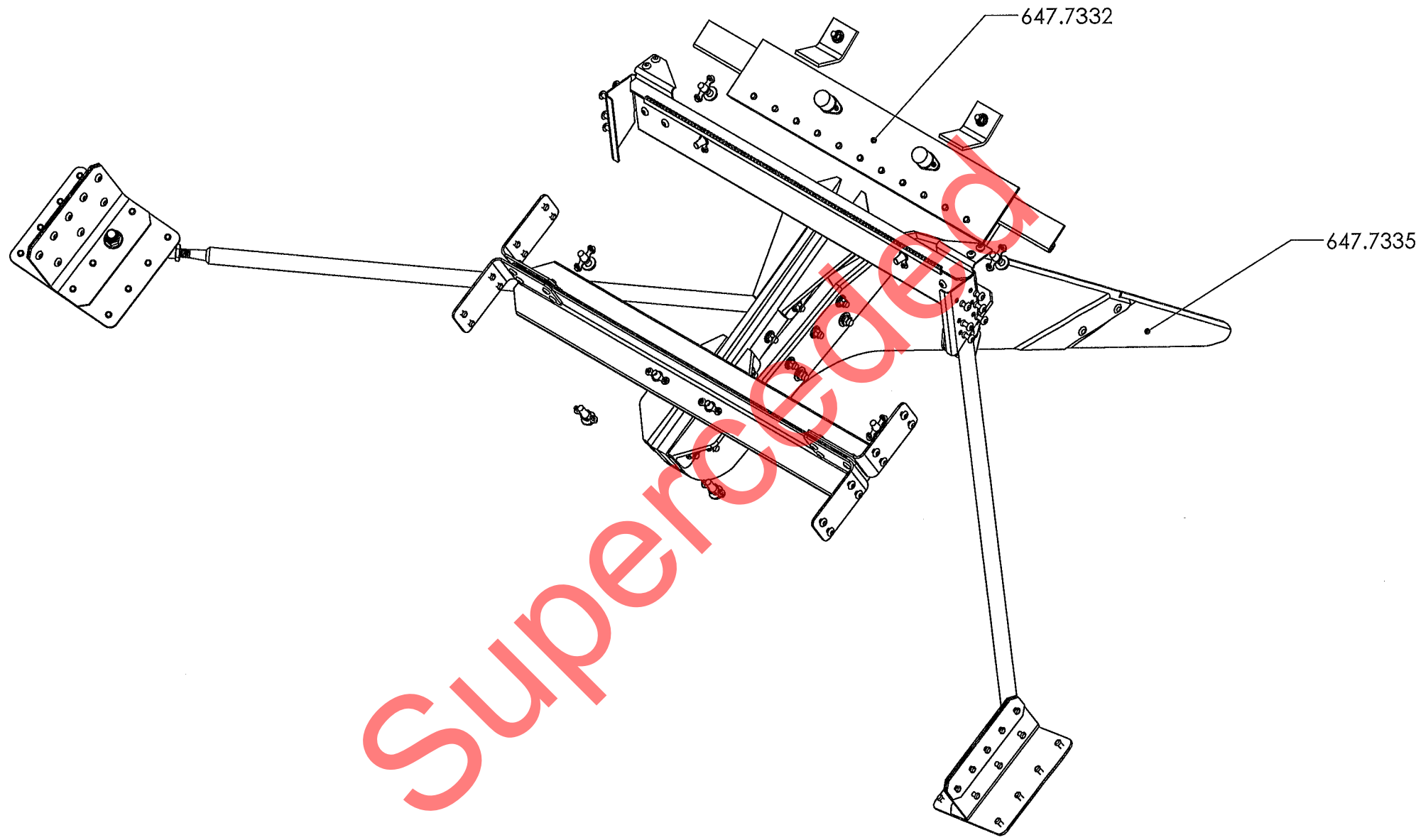
647.7326 T2/P2 UPPER CUTTER REMOVABLE PROVISIONS

ORIGINAL DATE (MO-DA-YR)	11/24/09
DRAWN BY A. QUAN	CHECKER D. BARKER
DRAWING APPROVAL P. BRAVO 01/13/10	
CONTRACT No.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°	

DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
		EC135 CABLE CUTTERS KIT	
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.7300	REV. E
SCALE NONE		SHEET 18 OF 25	

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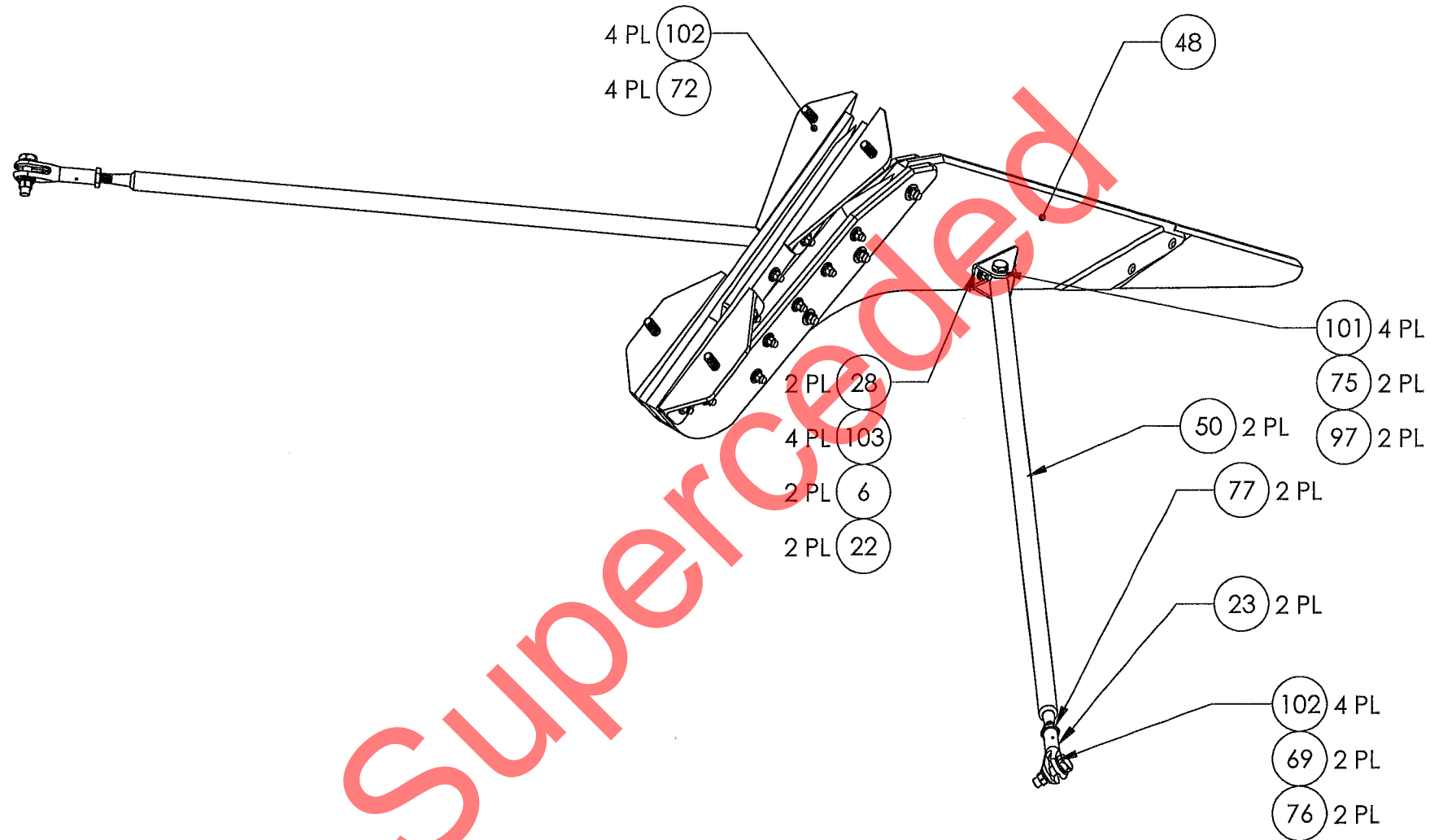


647.7334 T2/P2/T3/P3/T3H/P3H LOWER CUTTER ASSEMBLY

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER				
DRAWING APPROVAL P. BRAVO 01/13/10		CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.7300	REV. E
		SCALE NONE		SHEET 19 OF 25	

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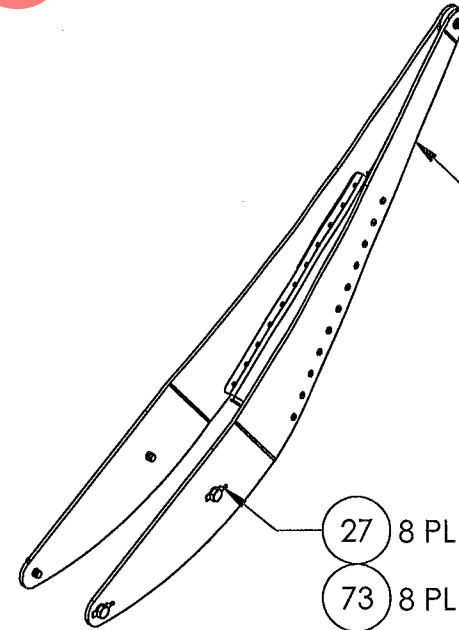
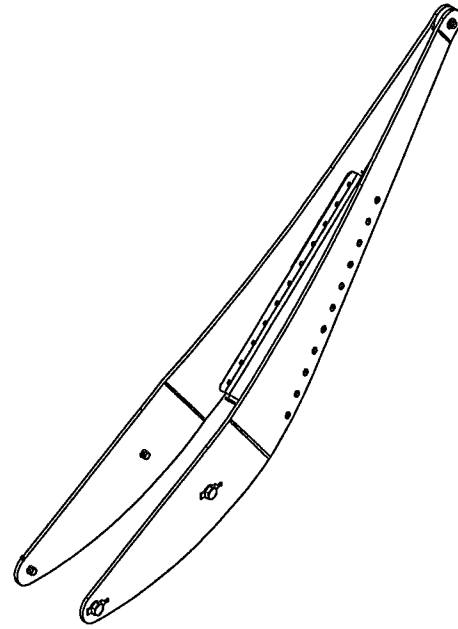


647.7335 T2/P2/T3/P3/T3H/P3H LOWER CUTTER REMOVABLE PROVISIONS

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/19		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6
		DWG. NO. 647.7300	REV. E
		SCALE NONE	SHEET 20 OF 25

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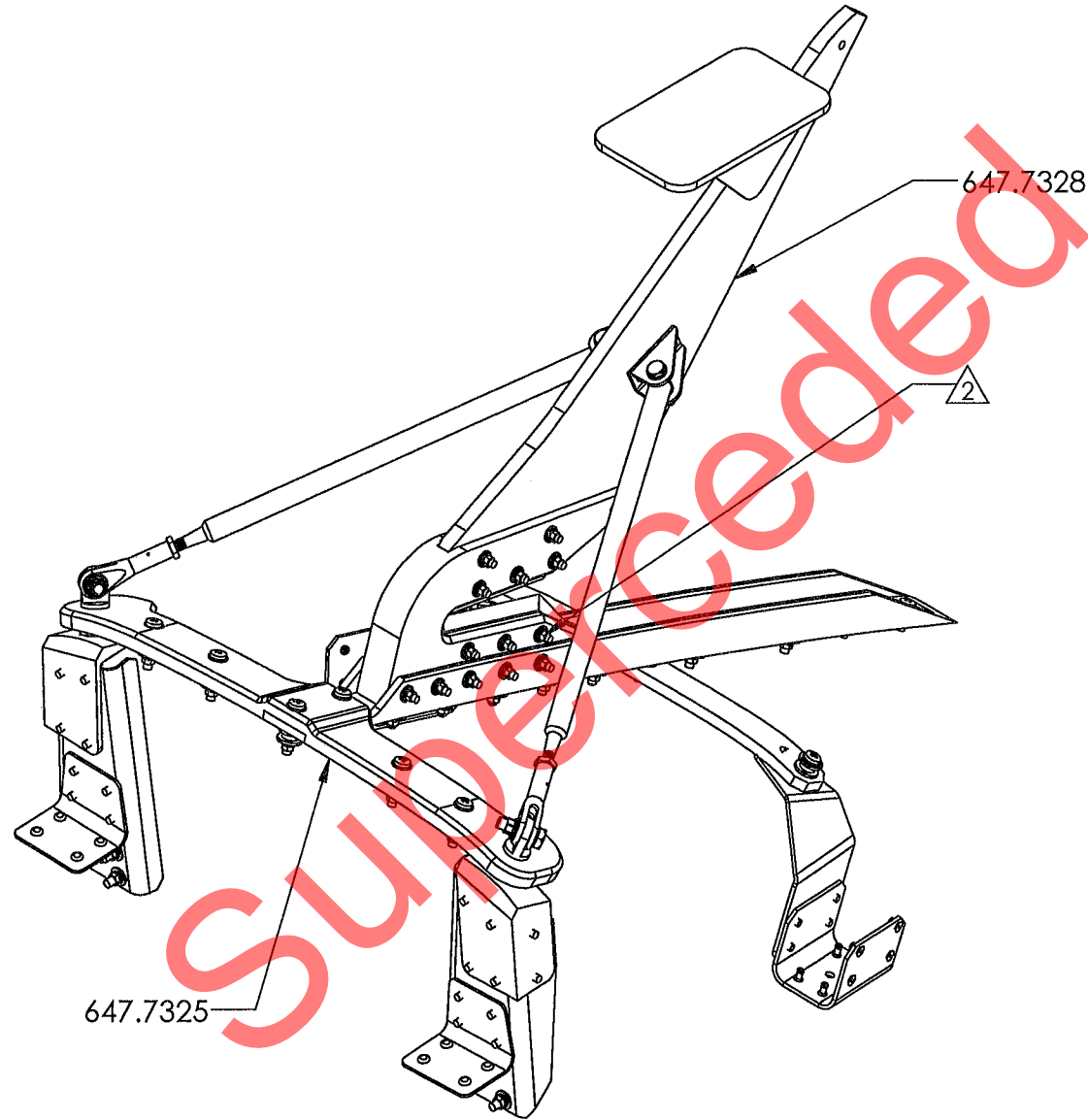


647.7352 T2/P2/T3/P3/T3H/P3H SKID DEFLECTOR ASSEMBLY

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 APICAL INDUSTRIES, INC. dba DART AEROSPACE (760)-724-5300			
DRAWN BY A. QUAN	CHECKER D. BARKER				
DRAWING APPROVAL P. BRAVO 01/13/10		EC135 CABLE CUTTERS KIT			
CONTRACT No.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.7300	REV. E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SCALE NONE		SHEET 21 OF 25	

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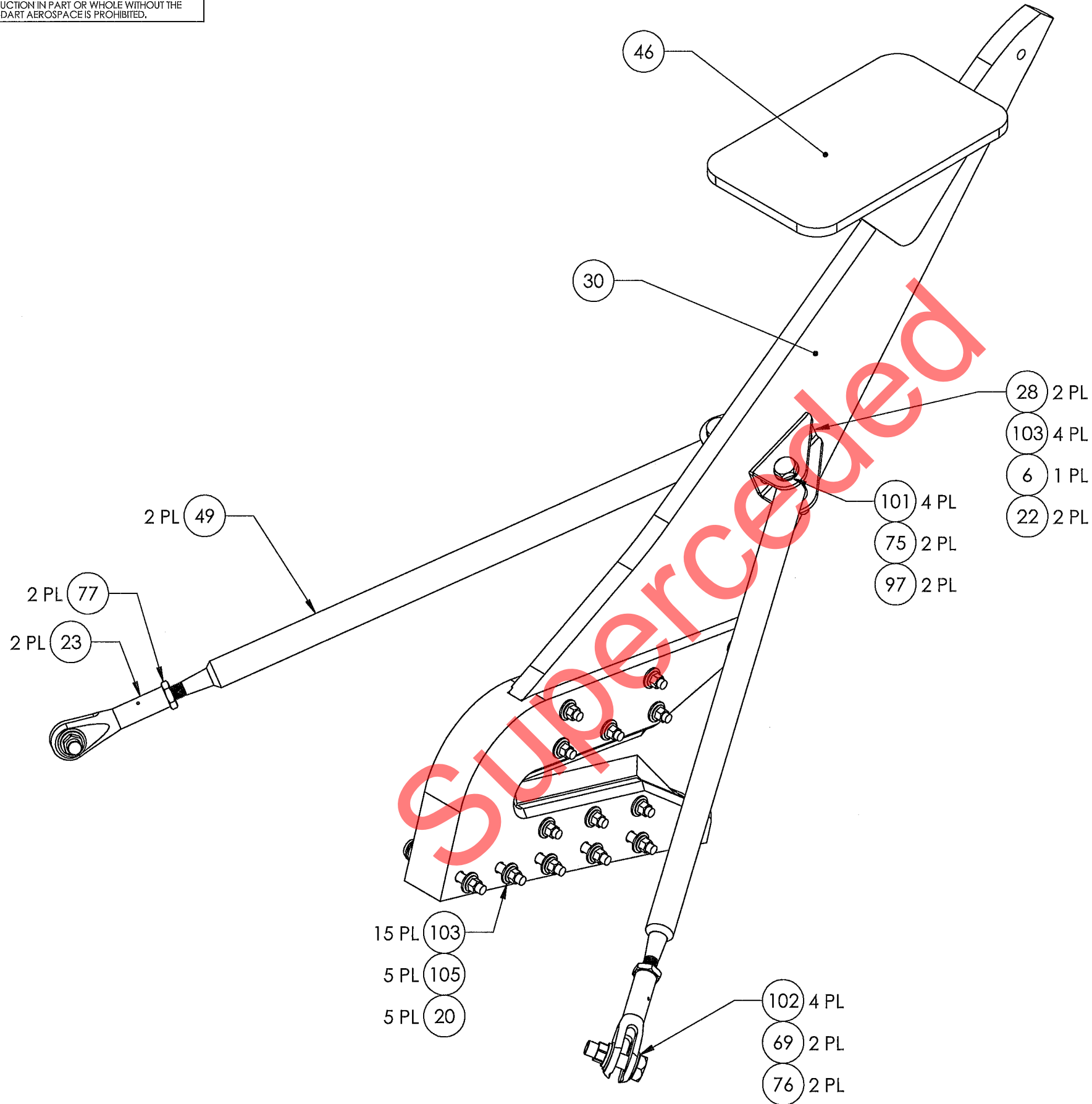


647.7327 T3/P3 UPPER CUTTER ASSEMBLY

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA, 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. E
		CAGE CODE 07MZ6	DWG. NO. 647.7300
		SCALE NONE	SHEET 22 OF 25

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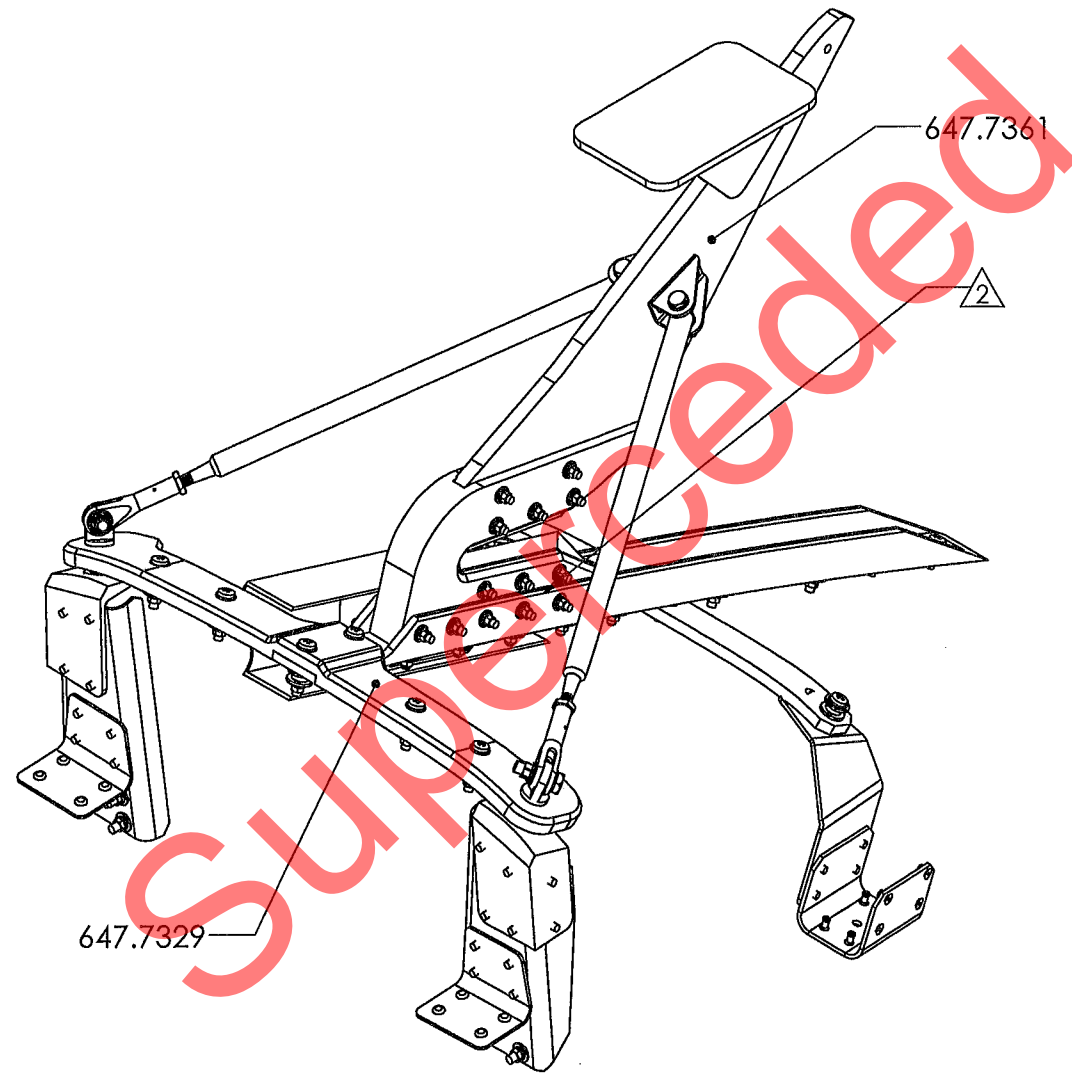


647.7328 T3/P3 UPPER CUTTER REMOVABLE PROVISIONS 8

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A AEROSPACE VISTA, CA. 92081 APICAL INDUSTRIES, INC. (760)-724-5300 dba DART AEROSPACE	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		EC135 CABLE CUTTERS KIT	
CONTRACT No.		SIZE B	REV. E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.7300
		SCALE NONE	SHEET 23 OF 25

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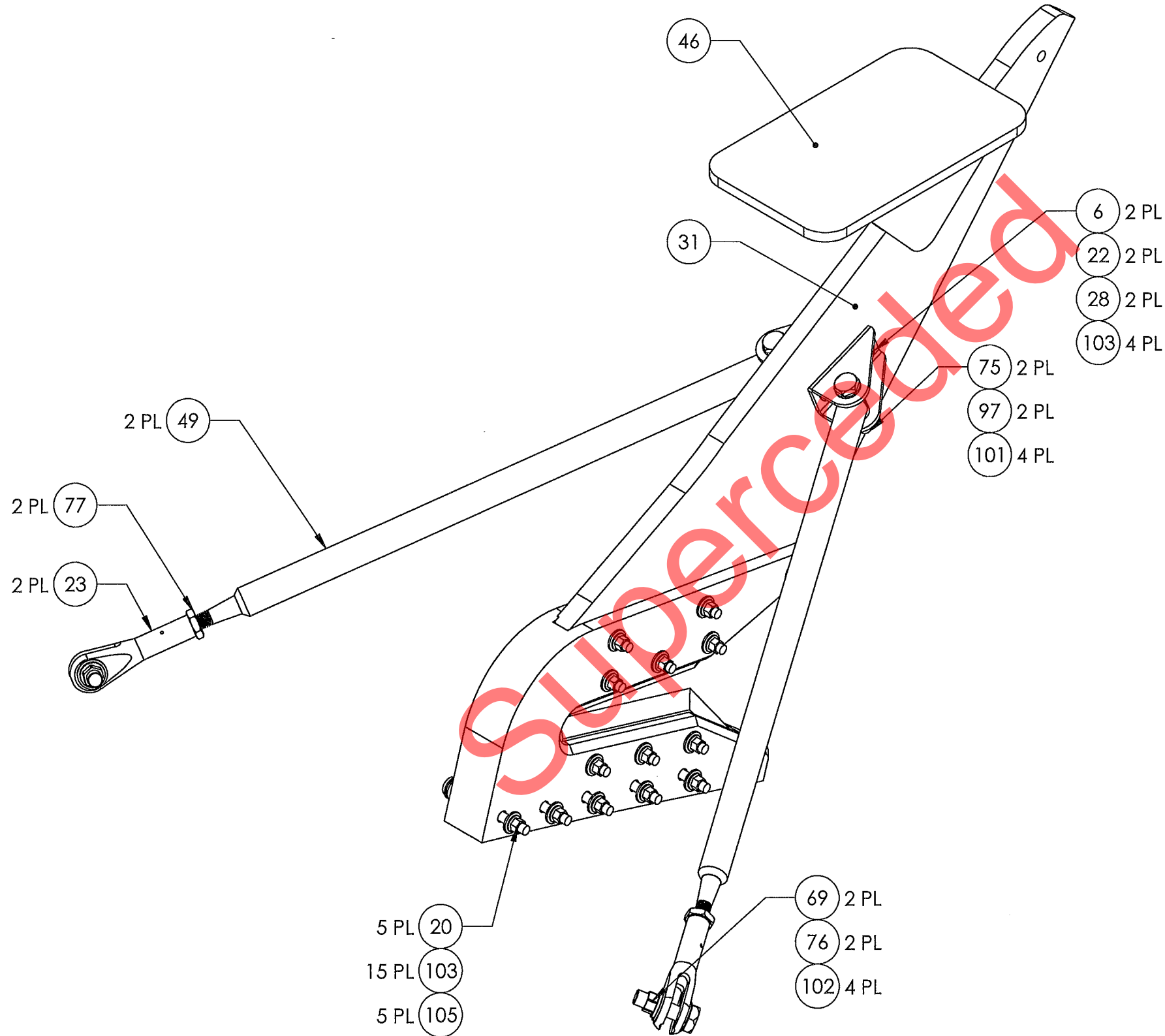


647.7329 T3H/P3H UPPER CUTTER ASSEMBLY

ORIGINAL DATE (MO-DA-YR) 11/24/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		EC135 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. E
		CAGE CODE 07MZ6	DWG. NO. 647.7300
		SCALE NONE	SHEET 24 OF 25

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647.7361 T3H/P3H UPPER CUTTER REMOVABLE PROVISIONS

ORIGINAL DATE (MO-DA-YR) 11/24/09		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 01/13/10		EC135 CABLE CUTTERS KIT	
CONTRACT No.		SIZE B	REV. E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.7300
		SCALE NONE	SHEET 25 OF 25

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